

Title (en)
WORKING MACHINE

Title (de)
ARBEITSMASCHINE

Title (fr)
MACHINE FONCTIONNELLE

Publication
EP 2357150 A4 20141008 (EN)

Application
EP 09827549 A 20091117

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- JP 2008294669 A 20081118
- JP 2008295836 A 20081119
- JP 2009005940 A 20090114
- JP 2009052297 A 20090305
- JP 2009068010 A 20090319
- JP 2009068016 A 20090319
- JP 2009070091 A 20090323

Abstract (en)
[origin: WO2010058768A1] Provided is a working machine that makes it possible to reduce the voltage of a DC bus, with a configuration that prevents a drop in reliability. A hybrid construction machine serving as a working machine comprises: a DC bus connected to a rotating motor via an inverter circuit; a battery connected to the DC bus via a buck-boost converter and a switch; a controller for driving the inverter circuit and the buck-boost converter; a cooling fluid circulation system including a pump motor; and an inverter circuit connected to the DC bus to drive the pump motor. The controller has a mode for reducing the voltage of the DC bus. In said mode, the pump motor consumes electric power by operating the inverter circuit after the switch is set to a disconnected state.

IPC 8 full level
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CPC (source: EP KR US)
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